# PANDA BOX™

## INTENSE PULSE LIGHT
# USER MANUAL

CE RoHS

ISO13485 Class

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✓

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✕
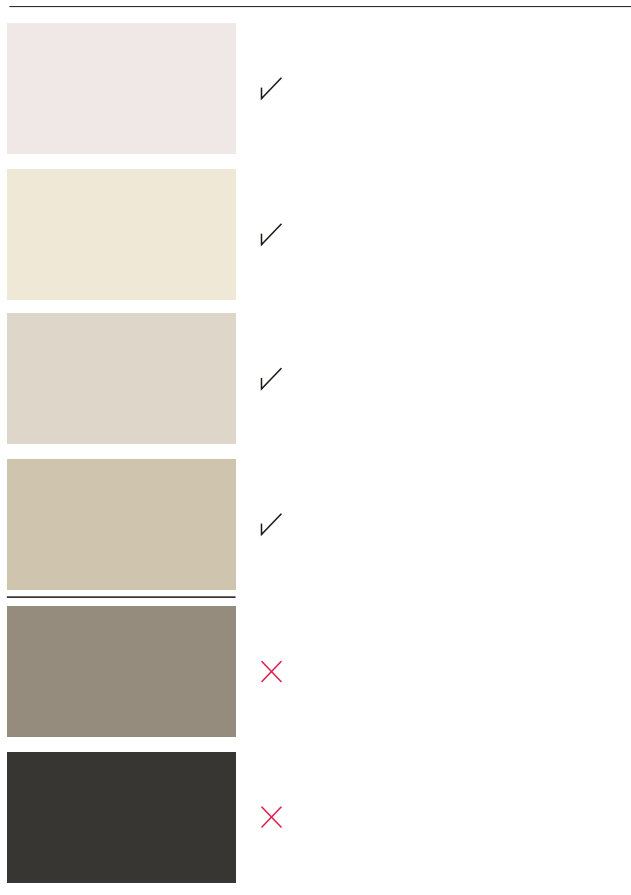
## Parameter

Wave Length:640-1200nm
Lamp life:1500shots
Lamp quantity:3sets
Energy:26J/cm2
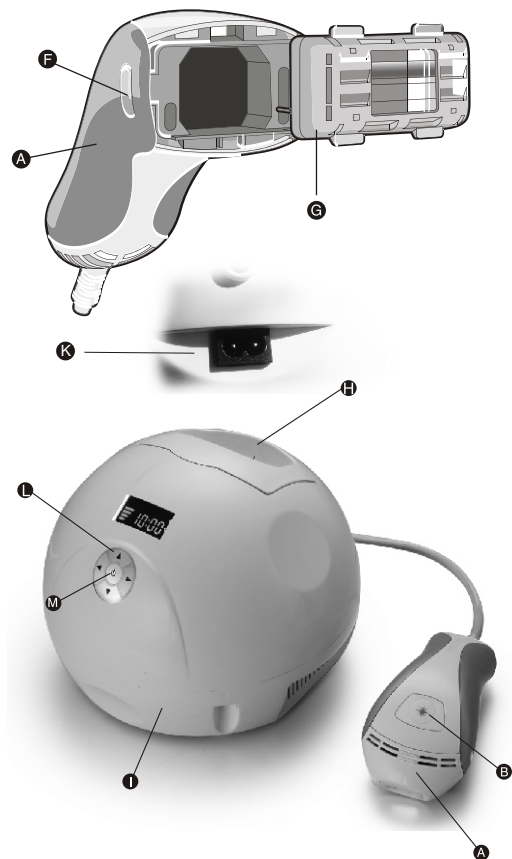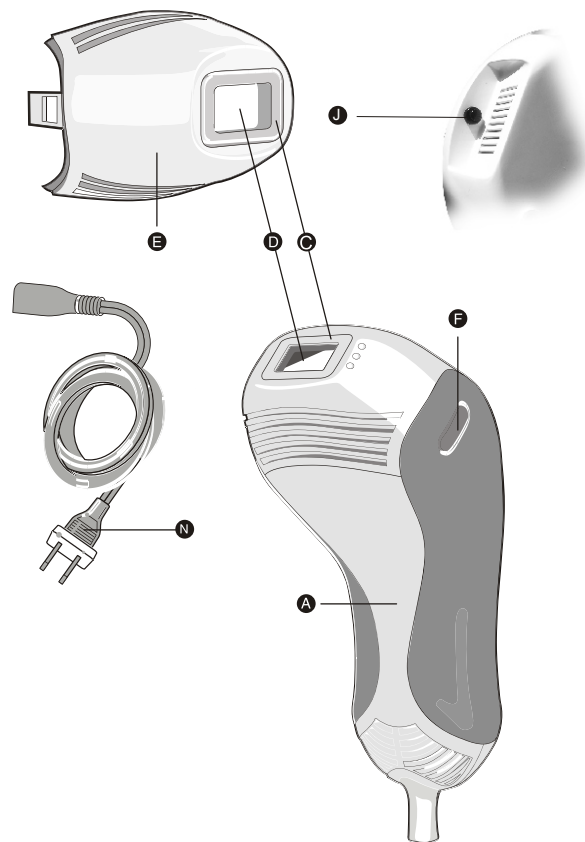Package Size:37*33*21cm
Weight:2.8kg

## Application

Hair Removal

Anagen Phase　　　Catagen Phase　　　Telogen Phase
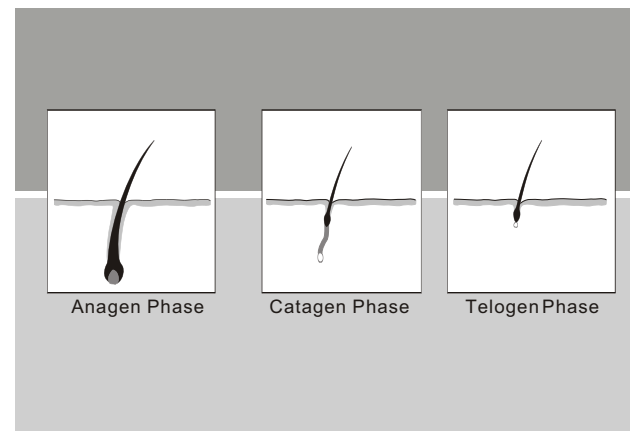
# IMPORTANT SAFETY CAUTIONS

**Skin Type**
- See skin color chart on page 1.
- Do not use on naturally dark skin (Fitzpatrick type V and VI), as it may result in burns, blisters and changes in skin color.
- Do not use on tanned skin or after recent sun exposure, as it may cause burns or skin injury.
- PANDA BOX is not effective on naturally white, grey, blond or red body hair.

**Areas not to treat**
- Do not use on the face or the neck.
- Do not use on nipples, areola, or genitals.
- Do not use if you have tattoos or permanent makeup in the area to be treated.
- Do not use on dark brown or black spots such as moles, birth marks, or freckles.
- Do not use on an area of recent surgery, deep peel, laser resurfacing, scars, or skin that has been damaged with burns or scalds.

**When not to use/When to avoid using PANDA**
- Do not use if you are pregnant or breast feeding.
- Do not use if you were exposed to sun or artificial tanning within the past 4 weeks.
- Do not use on dry or fragile skin caused by the use of chemical peels, glycolic peels, Alpha Hydroxy Acids (AHAs).
- Do not flash more than once on the same area as this may cause burns.
- Do not use on the same area of your skin more than once a week.
- Do not use for at least 14 days following microdermabrasion treatment.
- Do not use if you are already undertaking permanent hair removal treatments
- Do not use if you have a skin disease such as active skin cancer, if you have a history of skin cancer or any other localized cancer in the areas to be treated, or if you have pre-cancerous lesions or multiple atypical moles in the areas to be treated.
- Do not use if you have epilepsy with flashlight sensitivity.
- Do not use if you have a history of collagen disorder, including a history of keloid scar formation or a history of poor wound healing.
- Do not use if you have a history of vascular disorder, such as the presence of varicose veins or vascular ectasia in the areas to be treated.

# IMPORTANT SAFETY CAUTIONS

- Do not use if your skin is sensitive to light and causes a rash or an allergic reaction. If you are taking photosensitizing agents or medications, check the package insert of the medicine. Never use the unit if it can cause photo-allergic reactions or photo- toxic reactions, or if you should avoid sun while taking a medication.
- Do not use if you have diabetes, lupus erythematodes, porphyria or congestive heart disease.
- Do not use on areas of your skin which are currently being treated with or have recently been treated with Alpha Hydroxy Acids (AHAs), Beta Hydroxy Acids (BHAs), topical isotretinoin and azelaic acid.
- Do not use if you have taken oral isotretinoin Accutane or Roaccutane in the last six months. This treatment can make skin more susceptible to tears, wounds and irritations.
- Do not use if you have any bleeding disorder or take anticoagulation medications, including heavy use of aspirin, in a manner which does not allow for a minimum, 1-week washout period prior to each treatment.
- Do not use if you have infections, eczema, burns, inflamed follicles, open lacerations, abrasions, surgeries, herpes simplex, wounds or lesions and haematomas in the areas to be treated.
- Do not use if you have a history of immunosuppressive disease (including HIV infection or AIDS) or if you take immunosuppressive medications.
- Do not use when you are on painkillers, which reduce the sensitivity to heat.
- Do not use if you use long-lasting deodorants. This can result in skin reactions.
- Do not use over or near anything artificial such as silicon implants, Implanon contraceptive implants, pacemakers, subcutaneous injection ports (insulin dispenser) or piercings.

## PREPARING FOR USE

A.PANDA Handpiece
B. Flash Button
C.Skin Contact Sensor
D. Flash Window
E.Nose Cone
F.Nose Cone Release Buttons
G.Light Cartridge
H. Handpiece Cord
I. PANDA Base Unit
J.Power Switch
K.Power Inlet
L. Intensity Level Selection Display
M.Flash Mode Selection
N.Power Cord

**Familiarize yourself with the features of your new PANDA device.**

Flash Window (fig. 1-D)
The Flash Window is a filtered glass window with built-in UV protection that allows specific wavelengths of light to pass from the hand piece to your skin and hair  follicles.
**WARNING: Always inspect the Flash Window before use to ensure there is no dam- age to the lens.**
**WARNING: Always clean the Flash Window before use with the lint-free cloth pro- vided to ensure there is no oil or debris on the lens.**

Skin Contact Sensor (fig. 1-C)
The Skin Contact Sensor is a safety mechanism that prevents the device from accidental activation. In order for the device to activate, the Skin Contact Sensor must be fully depressed against the skin.

N**OTE: If the Flash Button is pressed AND the Skin Contact Sensor is not fully engaged OR the Bulb Status Indicator Display is not illuminated, an audible beep will sound.**

**WARNING: ALWAYS ensure the unit is OFF and the power cord is disconnected before removing the nose cone. If the nose cone is removed while the unit is powered ON, all indicator lights on the base unit will flash and audible beep will sound.**

## PREPARING FOR USE

Light Cartridge (fig. 1-G)
Each light cartridge has a life of 1,500 flashes. When all flashes have been used, the cartridge must be replaced.

Intensity Level Selection (fig. 1-L)
The PANDA device is equipped with 6 intensity levels. Level 1 is the lowest set- ting and level 6 is the highest setting.
**TIP: For the most effective results, always use the highest intensity level that does not cause discomfort on the skin. To determine the intensity level being used, observe the number of lights illuminated on the Intensity Level Selection Display.**
Your PANDA device will automatically be set to Intensity Level 1 each time  the device is powered ON. To change the level, press the Intensity Level Selection Button.

Flash Mode Selection (fig. 1-M)
The PANDA device is equipped with two operating modes: Single Flash Mode and Multi-Flash Mode. Your PANDA device will automatically be set to Single Flash Mode each time the device is powered ON.
Single Flash Mode: The PANDA device will flash once when the Flash Button is pressed AND the skin contact sensor is engaged.
Multi-Flash Mode: The PANDA device will flash once every two seconds when the Flash Button is pressed AND the skin contact sensor is fully engaged.
The Multi-Flash Mode allows you to quickly treat large areas such as the legs, chest or back by simply gliding the hand piece to a new location after each flash.
To turn Multi-Flash Mode ON,  press the Multi-Flash Mode Selector Button. The Multi-Flash Mode Selector Display will illuminate. Press again to turn Multi-Flash Mode OFF and return to Single-Flash Mode.

## Getting Acquainted with PANDA

**Test the PANDA device on your skin (fig. 1)**
1. Review the Warnings and Safety Precautions.
2. Familiarize yourself with the features of the PANDA device.
3. Consult the Skin Tone Chart to ensure your skin color is in the acceptable range.
4. Test the PANDA device on a small patch of skin and wait 48 hours to ensure there are no adverse reations.
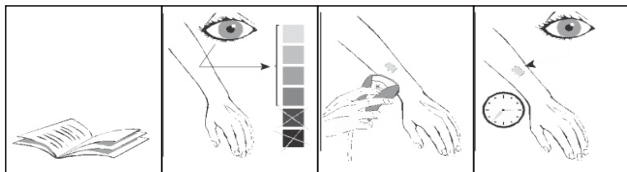


1)

**Treat desired area(s) with the PANDA device**
**Prepare your skin for treatment**

1. Ensure the area to be treated is clean and free from oils, deodorants, perfume, make up, lotions and creams. Shave the hair from the area to be treated.

2. Never use wax, epilation, tweezers, or depilation products to remove the hair because they counteract the IPL process.

Prepare the device for treatment

3. Unwarp the handle piece cord from the PANDA and rest the hand piece in the base cradle. Locate the power switch on the PANDA base and ensure the unit is OFF. Connect the power cord to the PANDA base at the power inlet. Connect the power cord to the wall outlet. Turn the power switch ON.

4. Select the desired Intensity Level. If the Multi-Flash Mode is desired, turn on using the flash mode selector button.

## Getting Acquainted with PANDA

**Treat desired area(s) with the PANDA device   Single Flash Mode**

1. Place the PANDA hand piece against your skin so the Flash Window is flush with the skin surface (fig. 2).
2. Ensure the Skin Contact Sensor is fully engaged and the Bulb Status Indicator Display is illuminated.
3. Press the Flash Button to activate the device (fig. 3).
4. Move the hand piece to a new treatment area and repeat steps 1-3 (fig. 4).

**Treat desired area(s) with the PANDA device   Multi Flash Mode**

1. Place the PANDA hand piece against your skin so the Flash Window is flush with the skin surface (fig. 1).
2. Ensure the Skin Contact Sensor is fully engaged and the Bulb Status Indicator Display is illuminated.
3. Press AND HOLD the Flash Button down to activate the device (fig. 2).
4. Immediately after the device has flashed, slide the hand piece to a new location. After a short delay (approximately 2 seconds) the device will flash again (fig. 3).

**NOTE**
**During Multi-Flash Mode, the Skin Contact Sensor AND the Flash Button must remain fully depressed. If either becomes disengaged, the device will not oper- ate. To resume treatment, repeat steps 1-4. During Multi-Flash Mode, the Bulb Status Indicator Display will remain illuminated while the Skin Contact Sensor and Flash Button are engaged.**



2)                    3)                    4)

## Post treatment care/treatment tips

**Treatment Tips**

• For best results, avoid overlapping flashes. This helps prevent expo sure to more energy than is necessary to suppress hair growth. It also ensures that you get the maximum use of the light cartridge.
• For the most effective results, always use the highest intensity level that does not cause discomfort on the skin. The level you use should feel warm on your skin, but should never cause discomfort.
• Optimal results are generally not obtained with a single session. For best results, repeat a treatment session whenever you notice hair starting to regrow. Results vary by individual, however, most people will treat areas every two weeks for the first three treatments, until desired results are achieved.
• You may notice that bony areas, such as elbows, shins, and ankles, are more sensitive during treatment. This is normal and should not be cause for alarm. To avoid this sensitivity, try stretching the skin away from the bony area during treatment.

**Post-Treatment Care**

After treatment, you may experience slight redness or a warm sensation on your skin. This is normal and will disappear quickly. To avoid irritation to your skin.after a treatment, take the following precautions:

• Avoid sun exposure for 24 hours after a treatment. Protect the skin with SPF 30 for 2 weeks after each treatment.
• After treatment, keep the area clean and dry and drink plenty of water to keep skin hydrated.
• Do not handle the treated area roughly.
• Do not take hot baths, showers, or use steam rooms and saunas for 24 hours after treatment.
• Do not swim for 24 hours after treatment.
• Do not take part in contact sports for 24 hours after treatment.
• Do not wear tight-fitting clothing over the treated area.
• Do not prolong sun exposure such as sunbathing, using a tanning bed, or self-tan for at least 2 weeks after the last treatment.

## Cleaning your Device

**CAUTION: Before cleaning your PANDA device, make sure that the power switch is OFF and the power cord is disconnected from the base unit.**

• Regular cleaning helps to ensure optimal results and a long life for the PANDA device. The exterior surface of the base unit and hand piece may be wiped clean with a slightly damp cloth.
• To clean the Flash Window, use only the lint-free cloth included with your PANDA device. Take care not to scratch or chip the Flash Window. Scratches and chips can reduce the effectiveness of the unit.
• For stubborn stains, use a dampened cotton swab to apply a small amount of water to the Flash Window and clean with the lint-free cloth provided.
• Use a small hand-held vacuum to remove dust and debris from the hand piece vents.

**WARNING: If the Flash Window is cracked or broken, the unit must not be used. Never scratch the filter glass or the metallic surface inside the NoseCone.**

**CAUTION: The PANDA is a high voltage device. Never immerse in water. Never clean the unit or any of its parts under the tap or in the dishwasher. Do not use petroleum-based or flammable cleaning agents because of the risk of fire. Never use scouring pads, abrasive cleaning agents or aggressive liquids such as oil or acetone to clean the unit.**

## Trouble/storage/Maintenance

**PANDA Device Maintenance**

**CAUTION: Before performing maintenance on your PANDA device, ensure that the power switch is OFF and the power cord is disco-nnected from the base unit.**

Replacing the bulb
1. Press the nose cone release buttons and gently pull to remove the nose cone.
2. Gently pull out the old bulb cartridge.
3. Replace with a new bulb cartridge.
**CAUTION:When replacing the bulb cartridge, do not touch the flash bulbs directly as this leaves oils and residue. Doing so could reduce the effectiveness of the bulbs or cause them to crack during treatment.**
4. Replace the nose cone, making sure it snaps into place.

**Storage**
 • Switch off the unit, unplug it and let it cool down for 10 minutes before storage.
 • Store the unit in a dry place.

**Trouble**

 • Hear beep sound,level in screen is flash
E is not touch well the handle piece
handle cable is break

 • level in screen is flash,but no beep sound
turn on device and shot serval times,then device stop.this means fan is break.Change the fan.
Lamp cable is break.

 • messy code in display
the flat cable in handle piece is break.

## Genetic Disposition

| Score | 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| What is the colour of your eyes | Light blue Grey Green | Blue Gray or Green | Blue | Dark Brown | Brownish Black |
| the natural colour of your hair | Sandy red | Blond | Chestnut Dark Blond | Dark Brown | Black |
| What is the colour of your skin (non e xposed areas) | Reddish | Vary Pale | Pal with Beige tint | Light Brown | Dark Brown |
| Do you have freckles on unexposed areas | Many | Serval | Few | Incidental | None |

## Reaction tosun Exposure

| Score | 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| What happens when stay in the sun too long | Painful redness, blistering, peeling | Blistering followed by peeling | Burns Sometimes followed by peeling | Rare Burns | Never Burns |
| To what degree do you turn brown | Hardly or not at all | Light color,tan | Reasonable tan | Tan very easily | Turn dark brown quickly |
| Do you turn brown within serveral hours after sun exposure | Never | Seldom | Sometimes | Often | Always |
| How does your face react to the sun | Very sensitive | Sensitive | Normal | Very reisitant | Never had a problem |